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PHO/SB/21 (08-00)

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		·	Application Number	10/764,345
TRANS	MITT	AL	Filing Date	Jan 23, 2004
FO	RM		First Named Invento	r Liu
(to be used for all corresp	oondence afte	er initial filing)	Group Art Unit	
			Examiner Name	
Total Number of Pages	in This Submi	ission	Attorney Docket Num	ber MS1-1811US
		ENCL	OSURES (che	ck all that apply)
Fee Transmittal Form Fee Attached  Amendment / Reply After Final Affidavits/declaration Extension of Time Request  Express Abandonment Request Information Disclosure State Certified Copy of Priority Document(s) Response to Missing Parts/ Incomplete Application Response to Missing under 37 CFR 1.52 or	uest ement Parts	Drawing Licensin Petition Petition Provisio Change Address Termina Reques	nent Papers Application)  (s) Sheet ag-related Papers  to Convert to a nal Application of Attorney, Revocation of Correspondence  It Disclaimer t for Refund  Imber of CD(s)	After Allowance Communication to Group Appeal Communication to Board of Appeals and Interferences Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter  Other Enclosure(s) (please identify below): PTO Form 1449; 20 cited references; return postcard
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Firm or Individual name  Signature  Date	//	Reg/No. 40,55	9	K AGENI
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I hereby certify that this correspondence an envelope addressed to: Commission	ce is being de oner for Paten	posited with the lats, P.O. Box 145	United States Postal Serv 0, Alexandria, VA 22313-	ce with sufficient postage as first class mail in 1450 on this date: 9/29/04
Typed or printed name Signature	arly Taylor	XTai	And In	ate   9/29/04

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PTO/SB/17 (10-03)
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Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

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Application Number	10/764,345	···
Filing Date	Jan 23, 2004	
First Named Inventor	Liu	
Examiner Name		
Art Unit		
Attorney Docket No.	MS1-1811US	

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1003 530	2003 265	Plant filing fee	<b> </b>	1402	330	2402	165	Filing a brief in support of an appeal	
1004 770	2004 385	Reissue filing fee		1403	290	2403	145	Request for oral hearing	
1005 160	2005 80	Provisional filing fee		1451	1,510	1451	1,510	Petition to institute a public use proceeding	
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SUBMITTED BY					(Complete	(if applicable))
Name (Print/Type)	Kazey C. Christje		Registration No. (Attorney/Agent)	40,559	Telephone	(509) 324-9256
Signature	Ton			<del>-</del>	Date	9-27-04
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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.	10/764,345
Filing Date	Jan 23, 2004
Confirmation No	5777
Inventorship	Liu
Applicant	Microsoft Corporation
Group Art Unit	······
Examiner	•••••
Attorney's Docket No	MS1-1811US
Title: Watermarking via Quantization of Rational S	tatistics of Regions

## INFORMATION DISCLOSURE STATEMENT

References -- See Attached Form PTO-1449

## **REMARKS**

The citations listed, copies attached, are submitted in compliance with the duty of disclosure defined in 37 CFR §1.56. The Examiner is requested to make these citations of official record in this application.

ate: 4-27-04

Respectfully Submitted,

Ву: \_\_

Rasey C. Christie Reg. No. 40,559

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INFORMATION DIGGI COURT	Application Number	10/764,345
INFORMATION DISCLOSURE	Filing Date	Jan 23, 2004
STATEMENT BY APPLICANT	First Named Inventor	Liu

(use as many sheets as necessary)

**Examiner Name** Sheet of 3 Attorney Docket Number MS1-1811US

				U.S. PATENT DOCL	JMENTS	
Examiner Initials*	Cite No.1	U.S. Patent	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		5465353		Hull et al.	11/07/1995	
		5613004		Cooperman et al.	03/18/1997	
		5664016		Preneel et al.	09/02/1997	
		5689639		Schwarz	11/18/1997	
		5809498		Lopresti et al.	09/15/1998	· · · · · · · · · · · · · · · · · · ·
		6101602		Fridrich	08/08/2000	
		6363463		Mattison	03/26/2002	
		6370272		Shimizu	04/09/2002	
		6700989		Itoh et al.	03/02/2004	
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		6321232		Syeda-Mahmood	11/20/2001	
		5953451		Syeda-Mahmood	09/14/1999	
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Group Art Unit

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Examiner Initials*	Cite No.1	Office <sup>3</sup>	Foreign Patent Do	Kind Code <sup>5</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Τ <sup>6</sup>
			EP 0581317		Interactive Home Systems	02/02/1994		
			WO 01/11890		Macrovision Corporation	02/15/2001	···	1
			WO 01/28230		Koniklijke Philips Electronics	04/19/2001	a. dan	1
			WO 99/17537		Hewlett-Packard Company	04/08/1999		1
			WO 99/18723		Macrovision Corporation	04/15/1999		
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Examiner Signature	/Dante Ravetti/ (01/30/2010)	Date Considered	01/30/2010

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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitu	ute for form 1449B/PTC	)		Complete if Known		
				Application Number	10/764,345	
INF	ORMATION	1 C	DISCLOSURE	Filing Date	Jan 23, 2004	
STA	TEMENT B	<b>3</b> Y	APPLICANT	First Named Inventor	Liu	
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Sheet	2	of	3	Attorney Docket Number	MS1-1811US	

	NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2				
		Chang et al., "RIME: A Replicated Image Detector for the World-Wide Web" Proceedings of the SPIE Vol. 3527 2-4 November 1998 pages 58-67.					
		Kesal et al., "Iteratively Decodable Codes for Watermarking Applications" Proceedings of the Second Symposium on Turbo Codes and Their Applications France September 2000 4 pages.					
		Malvar, "A Modulated Complex Lapped Transform and its Applications to Audio Processing" IEEE ICASSP'99 Phoenix AZ. March 1999 pages 1-4.					
		Mihcak et al., "A Perceptual Audio Hashing Algorithm: A Tool For Robust Audio Identification and Information Hiding" Proceedings of the Information Hiding Workshop 2001 15 pages.					
:		Mihcak et al., "Cryptanalysis of Discrete-Sequence Spread Spectrum Watermarks" Proceedings of the Information Hiding Workshop Holland 2002 21 pages.					
		Mihcak et al.,"New Iterative Geometric Methods for Robust Perceptual Image Hashing" Proceedings of the Security and Privacy Digital Rights Management Workshop 2001 9 pages.					
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		Moulin et al., "A Framework for Evaluating the Data-Hiding Capacity of Image Sources" IEEE Transactions on Image Processing Vol. 11 No. 9 September 2002 pages 1-14.					
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		Venkatesan et al.,"Image Watermarking with Better Resilience" Proceedings of IEEE-ICIP Vancouver BC Canada 2000 4 pages.					
		Venkatesan et al., "Robust Image Hashing" Proceedings of the IEEE-ICIP Vancouver BC Canada 2000 3 pages.					

Examiner		Date	-
Signature	Dante Ravetti/ (01/30/2010)	Considered	01/30/2010

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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heet	3	of	3	Attorney Docket Number	MS1-1811US	,

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials						
		Echizen et al.,"General Quality Maintenance Module for Motion Picture Watermarking" IEEE Trans. on Consumer Electronics Vol. 45 No. 4. Nov 1999 pp1150-1158.				
,···•		Fridrich et al., "Robust Hash Functions for Digital Watermarking" Proc. Int. Conf. on Information Technology: Coding and Computing March 2000 pp 178-183.				
·		Lee et al., "Adaptive Video Watermarking Using Motion Information" Proc SPIE Vol. 3971: Security and Watermarking of Multimedia Contents II Jan 2000 pp. 209-216.				
		Wu et al., "Video Access Control Via Multi-level Data Hiding' Proc. IEEE Int. Conf. on Multimedia and Expo Vol. I Jul/Aug 2000 pp 381-384.				

Examiner	/Dante Ravetti/ (01/30/2010)	Date	01/30/2010
Signature	Dante navetti (01/30/2010)	Considered	01/00/2010

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